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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/014,908	12/14/2001	Edgar Circenis	10016872-1	4229

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HEWLETT-PACKARD COMPANY
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EXAMINER

NGUYEN, TAN D

ART UNIT	PAPER NUMBER
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3629

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/014,908	CIRCENIS, EDGAR	
	Examiner	Art Unit	
	Tan Dean D. Nguyen	3629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 April 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Status

Claims 1-30 are active and are rejected as followed.

Claim Rejections - 35 USC § 112

1. Claims 1-30 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

In independent method claim 10, it appears that each step deals with treating information/data, i.e. (a) receiving a data about quantity of assets and not "receiving a quantity of assets" (which reads over "receiving the computer components physically") as claimed. Changing the claim language to something similar to "iCOD data" (shown on page 4, line 24) is recommended to improve clarity.

In claim 10, the 2nd step is vague since it's not clear what the result "forming a sum of assets" really mean?

In dep. claim 11, 19, 26, the phrase "decrypting the quantity of the assets or measurement (a number)" is vague since it's not the number that is decrypted but the data or information that is decrypted.

Similarly, the independent claims 1, 16 and 24 which have similar limitations as in claim 10 above, are rejected for the same reasons set forth in claim 10 above.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148

USPQ 459 (1966), that are applied for establishing a background for determining

obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

4. **Claims 10-15, 16-23, 1-9, 24-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over AAPA (applicant admitted prior art) in view of Article 1999 ("Hewlett-Packard ... at low risk").**

In summary, **independent method¹ claim 10** deals with a method for measuring at least one monitored asset (computer component) belonging to at least one asset class over a network with a plurality of computers (cluster) comprising:

(a) receiving a data about quantity of assets (components) at the at least one asset class (CPU or storage) for each computer on the network,

(b) summing (totalizing) the quantity of assets (components) of the at least one asset class for all of the plurality on the network, thereby forming a sum of assets data, and

(c.) providing a notification (reminder) if the sum of assets data differs from a previously specified total data for the assets for the at least one asset class, wherein the assets may be either inactive or active.

Similarly, AAPA, as shown in the “Background” of pages 1-2, fairly discloses a method for measuring at least one monitored asset (computer component, i.e. CPU) belonging to at least one (or 1) asset class (CPU) over a network with a plurality of computers (cluster) comprising:

(a) receiving a data about an asset (computer components, i.e. CPU) at the at least one asset class (CPU or storage) for each computer on the network,

(b) summing the quantity of asset (computer components, CPUs) of the at least one asset class for all of the plurality on the network, thereby forming a sum of assets data, and

(c.) providing a notification (reminder) if the sum of assets data differs from a previously specified total data for the assets for the at least one asset class, wherein the assets may be either inactive or active {see page 1, 2nd paragraph}.

It appears that AAPA teaches the claimed invention except for a quantity of assets used in steps (a)-(c.) above.

In a similar iCOD environment, ARTICLE 11/1999 discloses future on-demand programs which will include other server (CPU) components, such as (1) memory and (2) input/output (I/O), (3) storage sub-systems and (4) HP’s HyperPlex clusters to meet demands of customers whose livelihoods depend on delivering high levels of capacity, performance and availability for Internet-based applications and “pay as you go” infrastructure program which allows dynamic response to ever-changing business demands which is sensible and beneficial (economical) to the server and storage customers {see page 1, paragraphs 2, 4, 5 and 6, page 2, 1st and 2nd}. It would have

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been obvious to modify the "on-demand" or "pay as you go" program/method of AAPA by adjusting the summing or sum of assets to include other computer (CPU/server) components, such as (1) memory and (2) input/output (I/O), (3) storage sub-systems or (4) HP's HyperPlex clusters, in steps (a)-(c.) as taught by ARTICLE 11/1999 for one of the benefits cited above such as dynamic response, pay as you go, or sensible and beneficial (economical) to meet the consumer's demands for speed, content, availability, cost, etc. of internet-based applications which depend on those 4 variables cited above.

As for dep. claim 11 (part of 10 above), which deals with well known audit reporting parameters/features, i.e. decrypting data due to sensitive data for personal or security reason, this is non-essential to the claimed invention and is well known and/or inherently included in AAPA or ARTICLE 11/1999 or would have been obvious to do so for security/personal reason.

As for dep. claims 12-13 (part of 10 above), which deals with well known licensing auditing (iCOD / licensing) parameters, i.e. comparing actual/reported data to expected data for monitoring usage, these are well known and inherently included in AAPA {see page 1, 2nd full paragraph}.

As for dep. claims 14-15 (part of 10 above), which deals with well known licensing auditing (iCOD) parameters, i.e. issuing a payment or an invoice from the system vendor, these are well known parameters and are taught in AAPA page 1, 2nd paragraph.

As for independent system¹ claim 1, which is the system to carry out independent method claim 10 above, it's rejected over the system of AAPA /ARTICLE 11/1999 to carry out the method claim 1 as cited above. Moreover, it would have been obvious to a skilled artisan to set up the proper system to carry out the method steps as shown in claim 10 above.

As for dep. claims 2-5 (part of 1 above), which have the same limitations as in dep. claims 11-15 respectively, they are rejected for the same reasons set forth in dep. claims 11-15 above.

As for dep. claims 6-9 (part of 1 above), which deals with well known iCOD parameters, i.e. CPU, hard disk capacity, memory (storage), or I/O ports, etc., these are taught in ARTICLE 11/1999 page 1, 5th paragraph.

As for independent method² claim 16, which explicitly differs from independent method claim 10 at the 1st step "receiving data about", however, the result of the 1st and 2nd steps of claim 16, "measuring a quantity" and "transmitting the data about the quantity" producing the same result as in the 1st step of claim 10 above. Therefore, the 1st and 2nd steps of claim 10 are inherently included in the teachings of AAPA, page 1, 2nd paragraph.

As for dep. claims 17-18 (part of 16 above), which deals with well known licensing auditing (iCOD) parameters, i.e. measuring a quantity of inactive/active component, these are well known parameters and are taught in AAPA page 1, 2nd paragraph.

As for dep. claims 19-23 (part of 16 above), which have the same limitations as in dep. claims 11-15 respectively, they are rejected for the same reasons set forth in dep. claims 11-15 above.

As for independent method³ claim 24, which differs from independent method claim 10 at the 1st step “grouping the computers into at least one cluster”, however, this step is fairly taught in ARTICLE 11/1999 as one of the new iCOD option, HP’s HyperPlex clusters, and is therefore inherently included in the teachings of AAPA / ARTICLE 11/1999.

As for dep. claim 25 (part of 10 above), which deals with well known audit reporting parameters of a clusters of network computers, i.e. registering the computers into the cluster, this is non-essential to the claimed invention and is inherently included in AAPA or ARTICLE 11/1999 or would have been obvious to do so for keeping track of the computers in a cluster.

As for dep. claims 26-30 (part of 24 above), which have the same limitations as in dep. claims 11-15 respectively, they are rejected for the same reasons set forth in dep. claims 11-15 above.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US 2003/0079092, section [0006] discloses the benefit of iCOD for storage disk which is high cost for capital, operating expenses for power, raised floor spaces, heat, no return on assets or investments (ROA or ROI) on unused storage disk.

No claims are allowed.

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5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through private PAIR only. For more information about the PAIR system, see <http://pair-direct@uspto.gov>. Should you have any questions on access to the private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

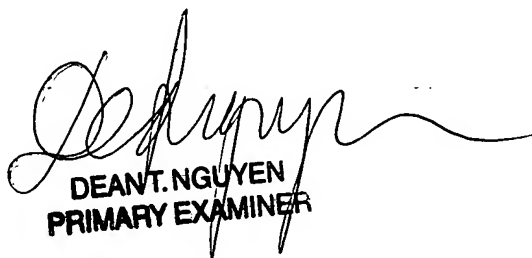
In receiving an Office Action, it becomes apparent that certain documents are missing, e. g. copies of references, Forms PTO 1449, PTO-892, etc., requests for copies should be directed to Tech Center 3600 Customer Service at (571) 272-3600, or e-mail CustomerService3600@uspto.gov.

Any inquiry concerning the merits of the examination of the application should be directed to Dean Tan Nguyen at telephone number (571) 272-6806. My work schedule is normally Monday through Friday from 6:30 am - 4:00 pm. I am scheduled to be off every other Friday.

Should I be unavailable during my normal working hours, my supervisor John Weiss can be reached at (571) 272-6812.

The main FAX phone numbers for formal communications concerning this application are **(571) 273-8300**. My personal Fax is (571) 273-6806. Informal communications may be made, following a telephone call to the examiner, by an informal FAX number to be given.

dtn
June 22, 2006


DEANT. NGUYEN
PRIMARY EXAMINER